



COCHISE
COUNTY SHERIFF
OFFICE
205 JUDD DR,
BISBEE AZ 85603
520-432-9500



COCHISE COUNTY SHERIFF SEARCH AND RESCUE

This Month in Search and Rescue

April 2020

Special points of interest:

4.2.2020 Business Meeting Via ZOOM

Be Responsible

Some Tech Stuff

Training Calendars
May/June/July

Personal Purcell

Thank you note and donation for the AZ Trail Rescue

4/18&19, Search Lost Hiker Turkey Creek area

4.2.2020 Training & Meeting via ZOOM

This was definitely a different kind of meeting. The initial start was plagued by some technical, AKA sound difficulties. The first half hour, Eric went through several knots and had the participants practice and show the final product.

Battling the COVID-19 the team has established a **Field Deployment Checklist**. It gets pretty hectic responding to a rescue situation. Now, more than ever, it is extremely important we do not forget anything, and making sure our personnel being deployed into the field have everything needed and required.

1. Only 1 to 2 responders, EMTs, etc, will initially respond to the subject. They must have PPE

Goggles or face shield

Medical gloves

Disposable gown or jumpsuit
N95 mask or surgical mask.

2. The initial responders (EMT) will interview the subject from at least 6 feet away. The subject will wear simple surgical mask or a clean bandana over nose and mouth.
3. The initial responders will assess and determine personnel needed.

ABSOLUTELY NO SELF DEPLOYMENT

In a carry out everyone handling the stokes will wear PPE
Goggles
Medical gloves
Mask
No exceptions.

4. We will not retrieve gear for distressed parties

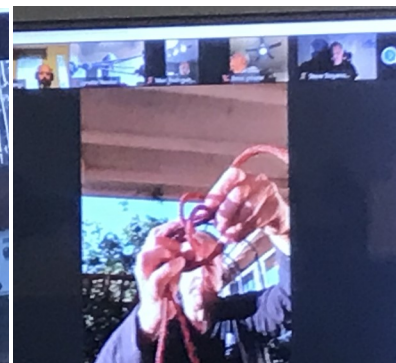
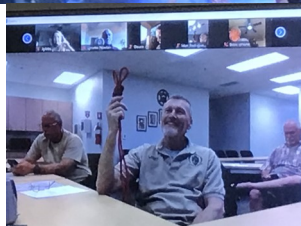
5. All equipment will be disinfected after each mission.

Yes our protocol has slightly changed, but we are adapting and overcoming the hurdles and what this storm is presenting us.

We can keep most of our skills up by doing individual training, or watching some videos pertaining to tech training and or knot tying. Knots, you need to practice all the time anyway, no exceptions on that either. If you don't have any equipment normally utilized

during a rescue try to draw the system out on paper. What does a simple, compound and complex system look like. What do I have to consider when setting up a particular system.
Hauling area
Throw lengths
Haulers needed or at hand
Load to be lifted
Equipment needs
Adaptability
Hauling area incline
Resetting
Lowering ability
Rope needs
Load to be lifted

Continued page 3



BE RESPONSIBLE By D. Epps R67

With Governor Doug Ducey's stay at home order, he did not include "essential activities" like engaging in outdoor exercise, such as walking, hiking, running, biking or golfing. He recommended those, but included practicing appropriate physical distancing while engaged in these activities.

While the weather is terrific outside and many are at home and enticed to go out in the outdoors, please enjoy them responsibly. Practice what Governor Ducey has stated in the proclamation.

When a rescue occurs, volunteers leave the safety of their homes to come and assist in the rescue(s). We must maintain a strong team to be able to respond to emergencies, and it takes everyone to help us do so.

Unless one is physically fit, this is not the time to go out and try hiking the Arizona Trail, or start extreme hikes. This is the time to enjoy more conservative activities and hikes/trails.

We ask, you consider our safety, while we make yours the highest priority. Each mission response by the team requires us to use the maximum precaution when treating and interacting with subjects and patients.

We have the duty of care to everyone calling us for help, and we will always respond, but now more than ever, the risks are greater.

We want everyone to enjoy the weather, our great outdoors, and stay healthy. We must ask you do your part to enjoy the outdoors responsibly to make sure we are able to serve the citizens and guests of Cochise County. YOUR COCHISE COUNTY SEARCH AND RESCUE TEAM.

MAKE SURE YOU DO HAVE THE 10 ESSENTIALS WITH YOU WHILE HIKING.

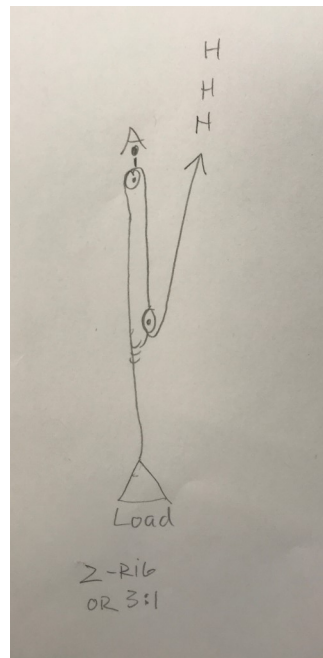
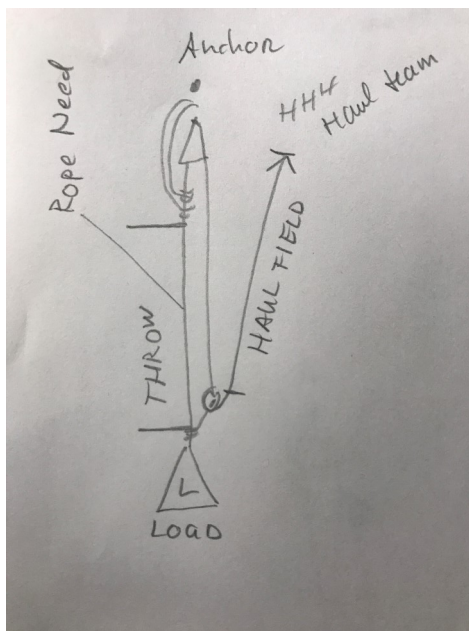
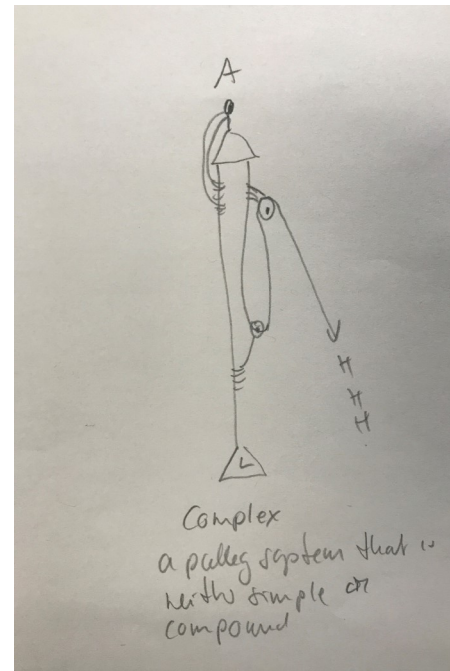
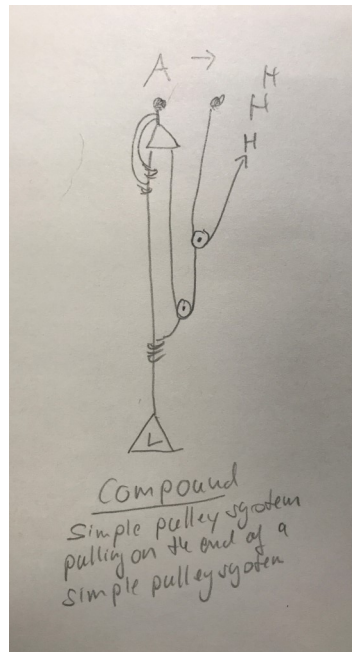
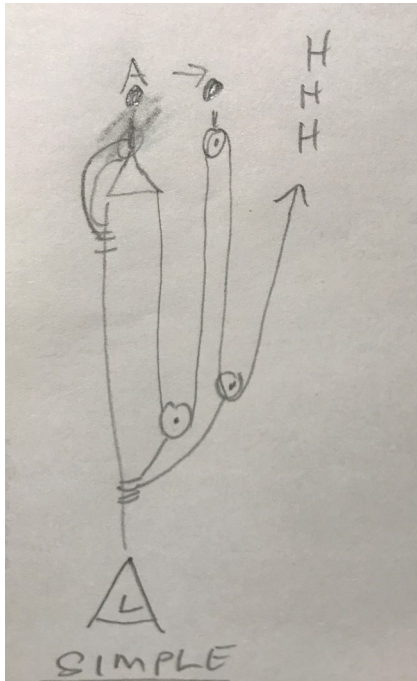
1. Navigation—map, compass, GPS
2. Sun Protection—glasses, sunscreen, hat
3. Insulation—extra clothes, avoid cotton
4. Illumination—headlamps, flashlight (one is none, two is one)
5. First aid supplies—know how to use them.
6. Emergency fire—camp stove, matches, knowledge how to start a fire if no matches
7. Repair kit and tools—what can break
8. Nutrition—enough and extra food
9. Hydration—enough and extra water (water purification system)
10. Emergency shelter and communication—cell phone, whistle, SPOT.

"Leadership and learning are indispensable to each other."

John Fitzgerald Kennedy



SOME TECH STUFF



Considerations:

The greatest advantage of understanding pulley systems is it frees the rigger to build whatever system they need for the tasks at hand. Take into consideration these listed variables (green box) before building the pulley system

Some of the systems we use and considerations

Hauling area-space available for the haul team?

Throw lengths-how far can the "haul

prussik" travel before a reset is needed?

Haulers present-what is the size and number of the haul team?

Load to be lifted (output)-what is the actual mass to be lifted? Is it a climbing, rescue or extreme rescue load? Is it high-lines tensioning?

Rope needs-how much rope is available for the pulley system you intend to construct?

Equipment needs-how much equipment is available for the task you intend to undertake?

Hauling area incline-how level is the haul field? Can you pull down?

Adaptability- can you easily change the mechanical advantage?

Resetting-Resetting can use valuable time and energy. Does the pulley system minimize this?

Lowering ability-Can the pulley system lower easily under control? Also will it respond quickly? (river rescue)

SUMMER SAR PACK

The warmer/hotter weather is just around the corner, and we as SAR members responding to missions always run the risk of becoming a victim our self R67). Anything can happen, from a freak storm, to slipping down and embankment and getting injured. Everyone of our SAR members MUST be self sufficient. Whenever you have to borrow from a team mate, you have depleted their resource as well. So what should the summer survival pack look like?

35 to 45 liter hiking pack (make sure it fits well)

Survival kit

Fire Starter/waterproof matches/tinder/cotton balls soaked with Vaseline / fire starter sticks etc (R22 Class)

Medical kit

Tourniquet

Dressing

Triangular bandages

Roll bandages

Moleskin

Waterproof tape/roll

EMT shears

Latex gloves

Tweezers

SAM Splint

Band-Aids / various

CPR mask

Medical mask

Nitrile medical gloves

Personal meds

Gore Tex shell and pants

Middle layer

Extra base layer

Work or Rope gloves

Hat / sunscreen / chap stick

Goggles and or eye protection

Tarp or large trash bag

Ground pad

1 ltr H2O bottles/bags x2 at least

2000+ calories food / snacks etc

Carabiners x 2-6

4-6 mm prussiks various lengths

25' webbing (to build swiss seat harness) or a climbing harness

30' + 8 mm cord

Helmet

Head lamp + spare batteries

Signal mirror / whistle

Extra light with batteries (one is none two is one)

Cymlights

Knife

GO BAG (duffle bag for extra clothing and items for in between missions)

Hiking boots (may be leather, but should be treated or waterproofed,

stiller soles better //appropriate for the season and terrain)

Base layer, top and bottom (wicking, synthetic, non-cotton)

Non-cotton t-shirt

Non-cotton pants

Extra middle layer

Extra hat

Socks at least 2 pair

Sock liners (optional) 2 pair

Extra personal ropes/gear

GPS / compass

Radio (should be issued once deployed)

Gaiters / snake gaiters

Work gloves

Trekking poles

Small butane stove

Metal cup to boil water

Hand saw

Water purification system (should go into your pack if deployed)

Extra food

Extra batteries

TEN ESSENTIALS

'Be prepared'! Just like every Scout every camper should be equipped with these ten essentials on any camping trip:

Contingency & First Aid Kit 1

"Contingencies" (someone forgot a flashlight, wet weather makes fire building difficult, etc.) are more common than emergencies. A first-aid kit supplemented with a spare flashlight, spare whistle, trail food, matches, and fire starters is your "air bag" -- essential but you hope, (like the air bag in your car), you'll never need it.

Flashlight 2

A sturdy headlamp is better than a hand-held flashlight. LED lights (one with a brightness of 35 lumens is more than adequate) use less power and batteries last longer.

Trail Food 3

Carry a few granola bars, protein bars, trail mix, or other compact, high-energy, high nutrition food (avoid sugar-based snacks). Carry a couple of additional nutrition bars in the Contingency & First Aid Kit.

Matches & Fire Starters 4

There are any number of fire starter alternatives; many can be made at home. If you need to get a fire going in difficult circumstances, you want a proved fire starter and matches in a waterproof container.

Sun Protection 5

In direct sun in hot weather sunburn and some level of heat exhaustion are common. Staying hydrated, using sunscreen and wearing a broad-brimmed hat are important.

Whistle 6

If you become lost or separated stay put and use a whistle. Signal by blowing three blasts (a well-known emergency signal).

Spend a little more on one designed to signal over distances; cheap insurance should you need it.

Rain Gear 7

Staying warm is crucial, and it's hard to stay warm if you are wet.

Rain pants and a rain jacket are essential. Ponchos restrict movement and don't trap warmth near your body.

Water 8

An adequately sized (32 ounces), wide-mouthed rugged water bottle. In dry or hot climates carry two. Include some simple way to purify water, tablets or other chemical treatments don't take up much space.

Map & Compass 9

A simple base-plate compass is best. Buy a reliable brand rather than a cheap knock-off; it's worth spending a bit more for an accurate compass.

Pocket Knife 10

A sturdy, well-made simple combination knife is ideal for camping.

5/2/2020 Helo Requals E
Stronghold

5/3/2020 K9 Training 0700 hrs
area of the B&B Palominas

5/7/2020 Training and Meeting
SEACOM 1730 hrs

5/9/2020 K-9 Training Here-
ford Rd Trail Head

5/14/2020 Dive Tender Train-
ing SEACOM 1730 hrs

5/16/2020 Dive Training Par-
ker Canyon Lake. K-9 might
join for training as well

5/17/2020 K-9 if not participat-
ing at Parker

5/23/2020 K-9 training
Charleston 0700 hrs 0700 hrs

5/25/2020 Happy Memorial
Day

5/31/2020 K-9 training night
training Lehner and or Here-
ford night training 1700 hours

MAY 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

6.4.2020 Training & Meeting SEA-
COM

6.6.2020 Tech Training—Upper
Carr Canyon (if open)

6.7.2020 K-9 Training La Paloma
passed the gate

6.13.2020 K-9 Training Hwy 90 N
Side

6.20.2020 Mock Search TBA

6.21.2020 K-9 Training Empire

6.28.2020 K-9 Training Miller
Canyon

July 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

7.2. 2020 Training and Meeting SEACOM

7.11.2020 Helo Requals

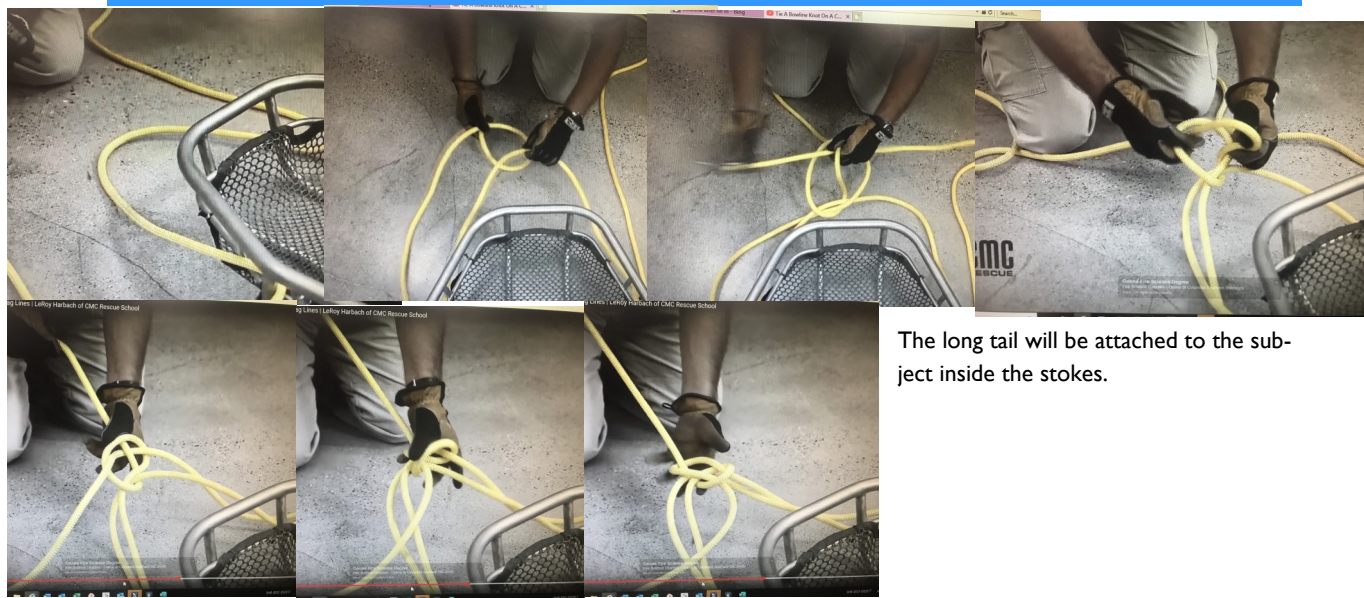
7.12.2020 San Pedro House K-9 0700

7.18.2020 Wilderness First Aid

7.19.2020 Misty Ray K-9 0700

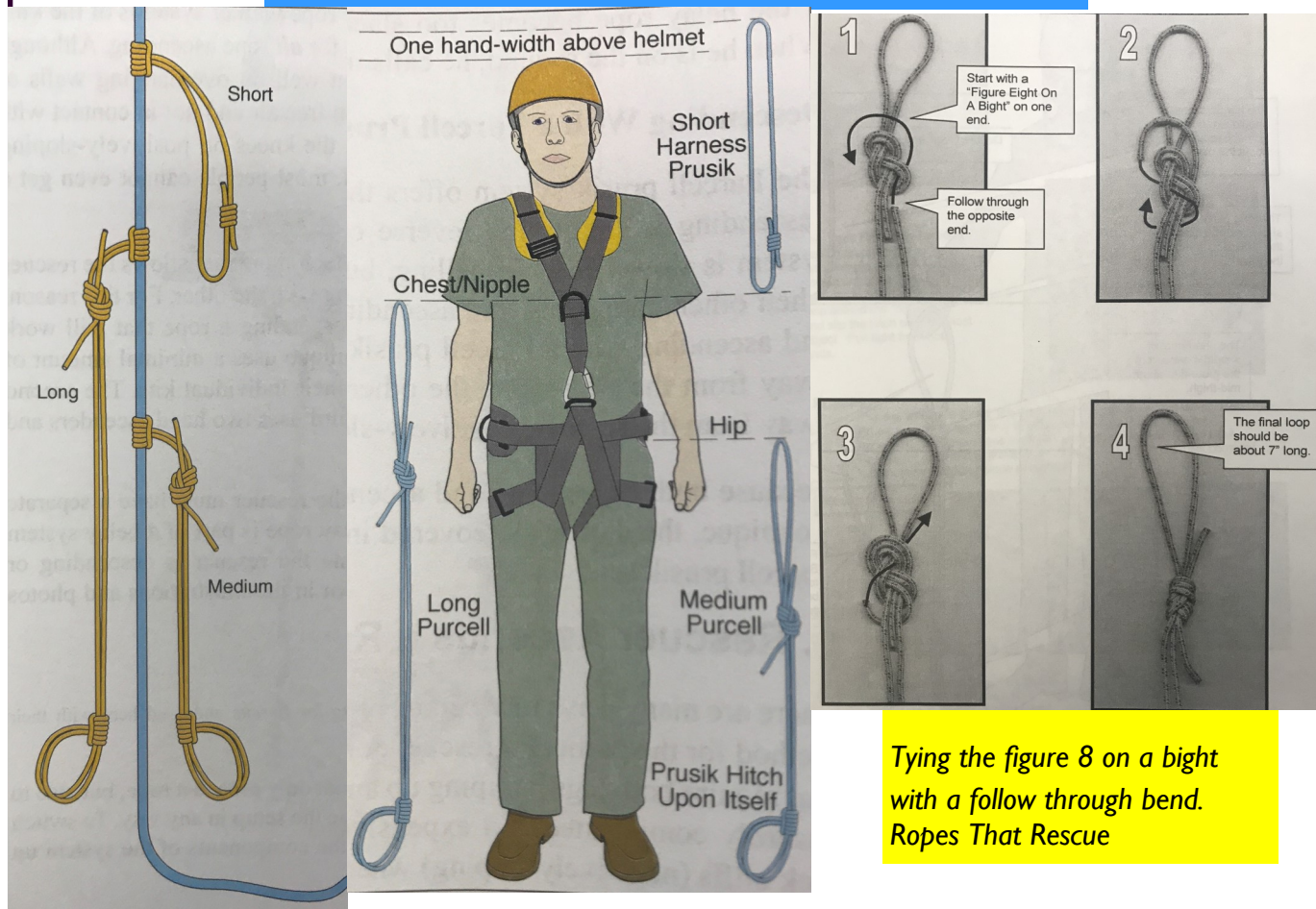
7.26.2020 Fairbank K-9 0700

BOWLINE ON A COIL –STOKES ATTACHMENT –CMC



The long tail will be attached to the subject inside the stokes.

Personal Purcell's



Tying the figure 8 on a bight with a follow through bend.
Ropes That Rescue

Rescue 3 International

A THANK YOU NOTE

To each and every one of ^{4/12} Cochise County Search and Rescue - THANK YOU!
One Tuesday, March 24th, your group, along with an area Fire Dept. rescue group, rescued a friend and fellow hiker from the Az. Trail near Sierra Vista. Kim's knees had basically given out and she was no longer able to move. Having never been involved with a rescue, I must tell you how impressed I am with all of your volunteers, as well as the other agencies involved. It was quite an

emotional experience, especially seeing those head lamps coming down the last section of the trail, all those wonderful people making sure Kim was down safely.

The work you do is invaluable! May your guardian angels always keep you safe.

Forever grateful!

Jan



GREEN-INSPIRED.COM
Printed on 100% recycled paper with soy-based ink. All rights reserved.

Jan N [redacted] 3220
4/7 2020
PAY TO THE ORDER OF Cochise County SAR \$100.00
One hundred and 00/100 DOLLARS
Arizona Central Credit Union
Flagstaff, AZ 86004
FOR Donation Jan [redacted]

4.18 & 19.2020 Search Turkey Creek Area / Chiricahua Peak



Cochise County Sheriff's Office Search & Rescue

Posted by David Noland

Yesterday at 9:08 PM · 🌐

It was a busy weekend for the SAR Team.

On Saturday April 18th at 8:00 PM SAR was activated for an overdue 62 year old male hiker in the Chiricahua Mountains. 16 SAR volunteers, 2 SAR Coordinators and the Cochise County Mobile Communication Unit (MCU) with radio operators responded to the mission.

The subject got separated from his hiking partners when they lost the trail on their way to Chiricahua Peak from Turkey Creek. The other hikers had a text message from the subject at 3:00 PM saying he was on a trail that said Cave Creek 7.5 miles. He also told them to pick him up on the road to cave creek. When they could not locate him, they called 911.

SAR and AZDPS Air Rescue Tucson Ranger responded. Teams were flown to the area of Chiricahua Peak, to search for the missing hiker. The search continued throughout the night without the subject being located.

The search continued on Sunday April 19th with AZDPS Air Rescue Ranger 1 helicopter from Phoenix. Teams were deployed on multiple trails on top and the east side of the Chiricahua Mountains searching for the subject. The AZSAR Coordinator was contacted to request assistance with cellphone forensics from the US Air Force Civil Air Patrol. The Forensic Team supplied data to the SAR Coordinators with possible locations of activity from the subject's cell phone.

At approximately 2:00 PM Sunday the Civil Patrol Forensics Team received a text message from the missing subject stating he was ok and to call off the search for him. He also said he was on the trail back to Turkey Creek, had made contact with his friends to pick him up at the trailhead. All teams were recalled to the command post and were released to return to their homes.

At 8:00 PM Sunday April 19th a female called 911 reporting she was lost at the Chiricahua National Monument. The location of the call was plotted and determined the female was on the Bonita Canyon Road near the campground. A US Park Ranger responded, located the female and she was taken to her vehicle.

Excellent work by the volunteers and Ranger Crews!!

